



Nyilatkozat igényjellegű, egy zónaidős „H” árszabás alkalmazásához

Érkezett: 20

ÜK szám:

Felhasználó neve:										
Felhasználó azonosító szám:	1	0								
Felhasználási hely címe:										
Fogyasztási hely azonosító:	0	4								

A „H” árszabás alkalmazását az alábbi hőszivattyús-berendezés üzemeltetéséhez igénylem:

Berendezés					
gyártója: Panasonic			típusjelzése: WH-ADC0916H9E8 + WH-UQ12HE8		
Hőszivattyú					
névleges villamos teljesítménye (kW): 2,53		fűtési teljesítménye (kW): 12		jósági tényezője (SCOP értéke): 4.32	
Hőszivattyú működési rendszere (a megfelelőt kérjük bekarikázni)					
levegő - levegő	levegő - víz	talaj - levegő	talaj - víz	víz - levegő	víz - víz
A különmért áramkörön lévő hőszivattyús hőellátó rendszer teljes egyidejű villamos teljesítménye (kW):					
A hőszivattyú várható fogyasztása (kWh)					
fűtési időszakban (október 15. – április 15.): 5745			nyári időszakban (április 16. – október 14.):		

Kijelentem, hogy a „H” árszabást kizárólag a külön mért felhasználói áramkörre állandó jelleggel, megfelelő segédeszköz (szerszám) hiányában állagsérelem nélkül nem leválasztható módon, nem dugaszolhatóan csatlakoztatott, legalább 3,4 (SCOP) jósági fokú hőszivattyúk, és a napenergiából és egyéb megújuló energiaforrásokból nyert hőt épületek hőellátására hasznosító berendezések üzemeltetését közvetlenül szolgáló készülékek (pl. keringető szivattyúk, automatikák) villamosenergia-fogyasztására használom fel.

Kelt: _____

felhasználó

A villamosenergia elosztás biztosítása, a csatlakozási-, és hálózathasználati szerződés teljesítése keretében kezelt személyes adatokra vonatkozó tájékoztatást a www.mvmnext.hu honlapon és az ügyfélszolgálati irodáinkban elérhető Általános Adatkezelési Tájékoztatóban találhatja meg. Az ügyintézés során készített hangfelvétellel összefüggésben kezelt személyes adatokra vonatkozó tájékoztatást a www.mvmnext.hu honlapon és az ügyfélszolgálati irodáinkban elérhető Hangfelvétel Rögzítésére Vonatkozó Adatkezelési Tájékoztatóban találhatja meg.

2.2 WH-ADC0916H9E8 WH-UQ12HE8

Item		Unit	Outdoor Unit			
Performance Test Condition			EN 14511			
Cooling Capacity	Condition (Ambient/Water)		A35W7			
	kW		10.00			
	BTU/h		34100			
	kcal/h		8600			
Cooling EER	W/W		2.81			
	kcal/h		2.42			
Heating Capacity	Condition (Ambient/Water)		A7W35	A2W35		
	kW		12.00	12.00		
	BTU/h		41000	41000		
	kcal/h		10320	10320		
Heating COP	W/W		4.74	3.44		
	kcal/h		4.08	2.96		
Heating ErP	Low temperature Application (W35)					
	Application	Climate	Warmer	Average	Colder	
	Pdesign	kW	12.00	12.00	14.00	
	Tbivalent / TOL	°C	2/2	-10/-10	-15/-22	
	SCOP / ns	(W/W) / %	5.86 / 231	4.32 / 170	4.08 / 160	
	Annual Consumption	kWh	2738	5745	8480	
	Class		A++	A++	A++	
	Low temperature Application (W55)					
	Application	Climate	Warmer	Average	Colder	
	Pdesign	kW	12.00	12.00	13.00	
	Tbivalent / TOL	°C	2 / 2	-10 / -10	-15 / -22	
	SCOP / ns	(W/W) / %	4.02 / 158	3.32 / 130	3.20 / 125	
	Annual Consumption	kWh	3990	7466	10012	
	Class		A++	A++	A++	
	Noise Level	Condition (Ambient/Water)		A35W7	A7W35	A2W35
		dB(A)		Cooling: 49	Heating: 48	-
Power level dB			Cooling: 64	Heating: 62	-	
Air Flow	m³/min (ft³/min)		Cooling: 93.3 (3290) Heating: 80.0 (2830)			
Refrigerant Control Device			Expansion Valve			
Refrigerant Oil	cm³		FV50S (1200)			
Refrigerant (R410A)	kg (oz)		2.85k (100.6)			
F-GAS	GWP		2088			
	CO2eq (ton) (Precharged / Maximum)		6.243 / 8.331			
Dimension	Height	mm (inch)	1410 (55-1/2)			
	Width	mm (inch)	1283 (50-1/2)			
	Depth	mm (inch)	320 (12-19/32)			

Item		Unit	Outdoor Unit		
Net Weight		kg (lbs)	151 (333)		
Pipe Diameter	Liquid	mm (inch)	9.52 (3/8)		
	Gas	mm (inch)	15.88 (5/8)		
Standard Length		m (ft)	5 (16.4)		
Pipe Length Range		m (ft)	3 (9.8) ~ 30 (98.4)		
I/D & O/D Height Different		m (ft)	20 (65.6)		
Additional Gas Amount		g/m (oz/ft)	50 (0.5)		
Refrigerant Chargeless		m (ft)	10 (32.8)		
Compressor	Type		Hermetic Motor		
	Motor Type		Brushless (4-poles)		
	Rated Output	kW	4.30		
Fan	Type		Propeller Fan		
	Material		PP		
	Motor Type		DC (8-poles)		
	Input Power	W	-		
	Output Power	W	60		
	Fan Speed	rpm	Cooling: 600 (Top), 640 (Bottom) Heating: 520 (Top), 560 (Bottom)		
Heat Exchanger	Fin Material		Aluminium (Pre Coat)		
	Fin Type		Corrugated Fin		
	Row x Stage x FPI		2 x 51 x 18		
	Size (W x H X L)	mm	903.7 x 1295.4 x 38.1		
Power Source (Phase, Voltage, Cycle)		Ø	Three		
		V	400		
		Hz	50		
Input Power		Condition (Ambient/Water)	A35W7	A7W35	A2W35
		kW	Cooling: 3.56	Heating: 2.53	Heating: 3.49
Maximum Input Power for Heatpump System		kW	7.91		
Power Supply 1 : Phase (Ø) / Max. Current (A) / Max. Input Power (W)			3Ø / 11.9 / 7.91k		
Power Supply 2 : Phase (Ø) / Max. Current (A) / Max. Input Power (W)			3Ø / 13.0 / 9.00k		
Power Supply 3 : Phase (Ø) / Max. Current (A) / Max. Input Power (W)			- / - / -		
Starting current		A	5.4		
Running Current		Condition (Ambient/Water)	A35W7	A7W35	A2W35
		A	Cooling: 5.4	Heating: 3.9	Heating: 5.3
Maximum Current for Heatpump System		A	11.9		
Power Factor Power factor means total figure of compressor and outdoor fan motor.		%	Cooling: 97	Heating: 96	Heating: 5.3
Power Cord	Number of core		-		
	Length	m (ft)	-		
Thermostat			Electronic Control		
Protection Device			Electronic Control		

Item		Unit	Indoor Unit		
Performance Test Condition			EN 14511		
Operation Range	Outdoor Ambient	°C (min. / max.)	Cooling: 16/43 Heating: -28 / 35		
	Water Outlet	°C (min. / max.)	Cooling: 5 / 20 Heating (Tank): - / 65*, Heating (Circuit): 20 / 55 (Below ambient -15°C), 20 / 60 (Below ambient -10°C)		
Internal Pressure Differential		kPa	Cooling: 28.0 Heating: 39.0		
Noise Level		Condition (Ambient/Water)	A35W7	A7W35	A2W35
		dB(A)	Cooling: 33	Heating: 33	-
		Power level dB	Cooling: 46	Heating: 46	-
Dimension	Height	mm (inch)	717 (28-7/32)		
	Width	mm (inch)	598 (23-17/32)		
	Depth	mm (inch)	1800 (70-27/32)		
Net Weight		kg (lbs)	126 (278)		
Refrigerant Pipe Diameter	Liquid	mm (inch)	9.52 (3/8)		
	Gas	mm (inch)	15.88 (5/8)		
Water Pipe Diameter	Room	mm (inch)	31 (1-1/4)		
	Shower	mm (inch)	19 (3/4)		
Water Drain Hose Inner Diameter		mm (inch)	12.10 (17/36)		
Pump	Motor Type		DC Motor		
	Input Power	W	82		
Hot Water Coil	Type		Brazed Plate		
	No. of Plates		52		
	Size (H x W x L)	mm	93 x 119 x 376		
	Water Flow Rate	l/min (m³/h)	Cooling: 28.7 (1.7) Heating: 34.4 (2.1)		
Pressure Relief Valve Water Circuit		kPa	Open: 300, Close: 266 and below		
Flow Switch	Type		Electronic sensor		
Protection Device		A	Residual Current Circuit Breaker (25)		
Expansion Vessel	Volume	l	10		
	MWP	bar	3		
Capacity of Integrated Electric Heater / OLP TEMP		kW / °C	9.00 / 80		
Tank Volume (Spec / Nett)		L	200 / 185		
Max. Tank Water Set Temperature		°C	65		
Tank Coil Surface		m²	1.8		
Maximum Working Pressure	Heat / Cool	bar	3.0		
	Tank Circuit	bar	10.0		
Operating Pressure	Tank Unit	bar	3.5		
	Expansion Relief Valve	bar	8.0		
Expansion Vessel Pre-Charge Pressure (DHW Circuit)		bar	3.5		
Pressure Reducing Valve Set Pressure (DHW Circuit)		bar	3.5		

Item		Unit	Indoor Unit
Pressure Vessel	Material		EN-1.4521
	Volume	L	185
	Design Pressure	bar	10
Heat Exchanger	Material		EN-1.4162 / EN-1.4521
	Diameter	mm	22
	Thickness	mm	0.8
	Surface Area	m ²	1.8
	Total Length	m	25

Note:

- Cooling capacities are based on outdoor air temperature of 35°C Dry Bulb with controlled indoor water inlet temperature of 12°C and water outlet temperature of 7°C.
- Heating capacities are based on outdoor air temperature of 7°C Dry Bulb (44.6°F Dry Bulb), 6°C Wet Bulb (42.8°F Wet Bulb) with controlled indoor water inlet temperature of 30°C and water outlet temperature of 35°C.
- Specifications are subjected to change without prior notice for further improvement.
- * Above 55°C, only possible with backup heater operation.



Product Information Sheet



Panasonic			WARMER					AVERAGE										COLDER							
Indoor Unit	Outdoor Unit	Load Profile	P _{rated}	η _s	Q _{HE}	η _{wh}	AEC	η _s (A+++ ~ D)	η _{wh} (A+ ~ F)	P _{rated}	η _s	Q _{HE}					η _{wh}	AEC	Off Peak	P _{sup}	P _{rated}	η _s	Q _{HE}	η _{wh}	AEC
			kW (55°C)	% (55°C)	kWh (55°C)	%	kWh (55°C)			kW (55°C)	%	kWh (55°C)	dB (A) (55°C) *2	dB (A) (55°C) *2	dB (A) *3	dB (A) *3	%	kWh (55°C)	Yes/ No	kW	kW (55°C)	% (55°C)	kWh (55°C)	%	kWh (55°C)
*1 WH-ADC0916H9E8	WH-UD09HE8	L	9	159%	2967	110%	803	A++	A	8	133%	4844	46	68	46	65	95%	984	No	9	8	121%	6368	75%	1177
	WH-UD12HE8	L	9	159%	2970	110%	803	A++	A	8	134%	4840	46	69	46	65	95%	984	No	9	9	121%	7147	75%	1177
	WH-UD16HE8	L	10	169%	3104	107%	877	A++	A	13	130%	8076	46	72	46	65	91%	1056	No	9	10	121%	7955	72%	1266
	WH-UX09HE8	L	9	158%	2991	110%	803	A++	A	9	130%	5596	46	68	46	65	95%	984	No	9	11	125%	8468	75%	1177
	WH-UX12HE8	L	12	158%	3990	110%	803	A++	A	12	130%	7466	46	69	46	65	95%	984	No	9	13	125%	10012	75%	1177
	WH-UX16HE8	L	16	159%	5280	107%	877	A++	A	16	125%	10330	46	72	46	67	91%	1056	No	9	18	125%	13870	72%	1266
	WH-UQ09HE8	L	9	158%	2991	110%	803	A++	A	9	130%	5596	46	61	46	58	95%	984	No	9	11	125%	8468	75%	1177
	WH-UQ12HE8	L	12	158%	3990	110%	803	A++	A	12	130%	7466	46	62	46	58	95%	984	No	9	13	125%	10012	75%	1177
	WH-UQ16HE8	L	16	159%	5280	107%	877	A++	A	16	125%	10330	46	65	46	62	91%	1056	No	9	18	125%	13870	72%	1266

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*1

R410A (GWP=2088)

Refrigerant leakage contributes to climate change. Refrigerant with lower global warming potential (GWP) would contribute less to global warming than a refrigerant with higher GWP, if leaked to the atmosphere. This appliance contains a refrigerant fluid with a GWP equal to 2088. This means that if 1 kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be 2088 times higher than 1 kg of CO₂, over a period of 100 years. Never try to interfere with the refrigerant circuit yourself or disassemble the product yourself and always ask a professional.

*2

Maximum A-Weighted Sound Power Level (L_{WA}), according to EN12102-1 at A7(6) W55(47), in dB (A).

*3

Nominal A-Weighted Sound Power Level (L_{WA}), according to regulation 811/2013, 813/2013 and standard EN14825 at A7(6), in dB (A).

Energy consumption "XYZ" kWh per year, based on standard test results.

Actual energy consumption will depend on how the appliance is used and where it is located.

- You can find information and precautions relevant for installation and maintenance in the Operation Instructions.
- You can find information relevant for recycling and/or disposal at end-of-life in the Operation Instructions.

ACXF70-50191

Panasonic

Declaration of Conformity Document Number: MRD-D17017-01

Manufacturer

Name : Panasonic Corporation
Address : 1006 Kadoma, Kadoma City, Osaka, Japan
Factory Address : Panasonic Appliances Air-Conditioning Malaysia Sdn. Bhd.
Lot 2, Persiaran Tengku Ampuan, Sec. 21, Shah Alam Industrial Site,
Selangor, Malaysia.

Object of Declaration

< A >

Product Name : Air-to-Water Heat Pump System (Air-to-Water Hydromodule + Tank)
Trade Name : Panasonic
Model Number : WH-ADC0916H9E8; WH-UD16HE8; WH-UD12HE8; WH-UD09HE8; WH-UX09HE8;
WH-UX16HE8; WH-UX12HE8

CE Requirements

This declaration of conformity is issued under the sole responsibility of manufacturer. The object of the declaration described above is in conformity with the requirements of the following EU legislation and harmonized standards:

Council Directive(s)	: 2014/35/EU 2014/30/EU 2011/65/EU 2009/125/EC	LVD EMC RoHS ErP	< B >
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Commission Regulation(s)	: (EU) No. 813/2013 (EU) No. 622/2012	Implementing measures for ErP Directive Implementing measures for ErP Directive
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Council Recommendation(s)	: 1999/519/EC	EMF
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Harmonized Standard(s) : < C >
EN 60335-2-40:2003 +A11:2004 +A12:2005 +A1:2006 +A2:2009 + A13:2012; EN 62233:2008
EN 60335-1: 2012 +A11:2014; EN 60335-2-21:2003 +A1:2005 +A2:2008; EN 61000-3-2:2014
EN 61000-3-3:2013; EN 55014-1:2006 +A1:2009 +A2:2011; EN 55014-2:2015; EN 50581:2012
EN 14511-2:2013; EN 14511-3:2013; EN 12102:2013; EN 14825:2013; EN 16147:2011
EN 12897:2006; EN 16297-1:2012; EN 16297-3:2012; EN 61000-3-11:2000; EN 61000-3-12:2011

Additional Information

< D >

Commission communication 2014/C 207/02 as per Commission Regulation (EU) No. 813/2013,
(EU) No. 622/2012, amending regulation (EC) No 641/2009 (Integrated Pump, ErP),
Last two digit year when CE marking has been affixed the first time: 17
For translation refer to the attachment

10.02.2017
Date of Issue / Signature

Hiroyuki Iwaki / Managing Director
Printed Name / Title

10. Feb. 2017

Date of Issue / Signature

Wolfram Kühl

Authorised Representative
Panasonic Testing Centre
Panasonic Marketing Europe GmbH
Winsbergring 15, 22525 Hamburg, Germany

EU Declaration of Conformity

Document Number: MRD-D17020-01

Manufacturer

Name : Panasonic Corporation
Address : 1006 Kadoma, Kadoma City, Osaka, Japan
Factory Address : Panasonic Appliances Air-Conditioning Malaysia Sdn. Bhd.
Lot 2, Persiaran Tengku Ampuan, Sec. 21, Shah Alam Industrial Site,
Selangor, Malaysia.

Object of Declaration

< A >

Product Name : Air-to-Water Heat Pump System
Trade Name : Panasonic
Model Number : WH-SQC09H3E8 / WH-UQ09HE8; WH-SQC12H9E8 / WH-UQ12HE8
WH-SQC16H9E8 / WH-UQ16HE8

CE Requirements

This declaration of conformity is issued under the sole responsibility of manufacturer. The object of the declaration described above is in conformity with the requirements of the following EU legislation and harmonized standards:

Council Directive(s)	: 2014/35/EU 2014/30/EU 2011/65/EU 2009/125/EC	LVD EMC RoHS ErP	< B >
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Commission Regulation(s)	: (EU) No.813/2013 (EU) No.622/2012	Implementing measures for ErP Directive Implementing measures for ErP Directive
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Council Recommendation(s)	: 1999/519/EC	EMF
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Harmonized Standard(s) : < C >
EN 60335-2-40:2003 +A11:2004 +A12:2005 +A1:2006 +A2:2009 + A13:2012; EN 62233:2008
EN 60335-1: 2012 +A11:2014; EN 61000-3-3:2013; EN 61000-3-11:2000; EN 61000-3-2:2014
EN 55014-1:2006 +A1:2009 +A2:2011; EN 55014-2:2015; EN 50581:2012; EN 14511-2:2013
EN 14511-3:2013; EN 12102:2013; EN 14825:2013; EN 16297-1:2012; EN 16297-3:2012

Additional Information

< D >

Commission communication 2014/C 207/02 as per Commission Regulation (EU) No. 813/2013,
(EU) No. 622/2012, amending regulation (EC) No 641/2009 (Integrated Pump, ErP),
Last two digit year when CE marking has been affixed the first time: 17
For translation refer to the attachment

10.04.2017

Date of Issue / Signature

Hiroyuki Iwaki / Managing Director

Printed Name / Title

10. April 2017

Date of Issue / Signature

Wolfram Köhl

Authorised Representative

Panasonic Testing Centre

Panasonic Marketing Europe GmbH

Winsbergring 15, 22525 Hamburg, Germany

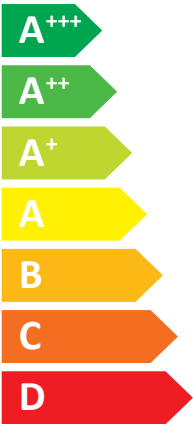


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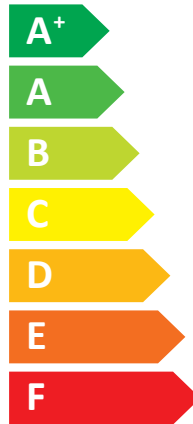
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Panasonic

WH-ADC0916H9E8/WH-UQ12HE8



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Two icons showing sound power levels. The top icon shows a speaker inside a house with the text "46 dB". The bottom icon shows a speaker outside a house with the text "58 dB".



A legend for power consumption with three colored squares: dark blue for "13 kW", medium blue for "12 kW", and light blue for "12 kW".

2019

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